

ABSTRACT

A cylinder block has a cylinder bore and a water jacket provided about the cylinder bore. The cylinder block is
5 divided at the water jacket into a cylinder liner portion and a cylinder outer wall portion. The cylinder liner portion has a wall defining the cylinder bore. The cylinder outer wall portion surrounds the wall of the cylinder liner portion, thereby defining the water jacket between the cylinder outer
10 wall portion and the wall of the cylinder liner portion. The cylinder liner portion includes an upper deck portion integrally formed with the cylinder liner portion. The upper deck portion contacts the cylinder head assembled to the cylinder block. The cylinder outer wall portion has a top
15 surface that functions as a receiving surface that contacts and supports the upper deck portion.